

### **In the Claims**

1. (Currently Amended) A process for management of data transfer to a specific destination station having a plurality of real addresses, the process being applied to a multiplicity of telecommunications supports and comprising:

defining a virtual address of a destination station and comprising a plurality of time-related sequences, said destination having a plurality of real addresses;

sequentially searching through the real addresses according to [[a predetermined ordered]] one of said [[sequence]] sequences until obtaining a positive response from a real address establishing a communications [[channel;]] channel [[and]] said sequence being a predetermined ordered sequence;

transferring data by the communication channel;

storing time-related communication parameters in a memory at each failure and/or success in establishing communication;

processing said data stored in the memory by correlating at least one variable factor with failure and/or success in establishing communications with the real addresses; and

determining a new order of the sequence for sequentially searching through the real addresses based on the correlation.

2. (Cancelled)

3. (Currently Amended) The process according to claim [[2]] 1, wherein the processing performed on data stored in the memory is an iterative learning process.

4. (Previously Presented) The process according to claim 3, wherein the iterative learning process uses a neural network.

5. (Currently Amended) The process according to claim [[2]] 1, wherein the processing performed on data stored in the memory is a statistical processing.

6. (Previously Presented) The process according to claim [[2]] 1, wherein the communication parameters are selected from the group consisting of date[[,]] and time [[and address]].

7. (Currently Amended) A communication device comprising:

- telephonic communications transport means and data transfer means;
- means for storing in a memory calls issued and/or received by a party,
- means for storing in the memory addresses enabling connection of the party,
- means for sequential calling of a destination station from [[a]] an ordered time-related list of addresses,
- means for the storage in the memory of a history of past communication sequences comprising time-related communication parameters;
- means for modeling optimal sequences for a multiplicity of telecommunications supports, said means for modeling processing time-related communication parameters stored in memory to model the optimal sequences; and
- means for modifying the order of the list in which the addresses are sequentially called based on the optimal sequences.

8. (Previously Presented) The process according to claim 1, wherein one of the at least one variable factors is time of day.

9. (Previously Presented) The process according to claim 1, wherein one of the at least one variable factors is day of week.

10. (Currently Amended) A process for establishing communications with a specific destination station having a plurality of real addresses, the process comprising:

defining a virtual address of a destination station, and comprising a plurality of sequences depending of the time of the day or day of the week;

when a communication is directed to the virtual address, sequentially searching through the real addresses of one of said sequences until a positive response from a real address establishes a communications channel;

recording time-related data comprising the real address from which the positive response was received and one or more variable factors associated with the communication, at least one of the variable factors being selected from the group consisting of time of day and day of week;

processing the data to determine an optimal order to sequentially search the real addresses for a particular time of day or day of week; and

changing the order in which the real addresses are sequentially searched for the time of day or day of week.

11. (New) The process according to claim 1, wherein establishing a communications channel is performed by selectively choosing an outgoing telecommunications network.

12. (New) The process according to claim 11, wherein said selective choice is performed according to a least cost routing process.

13. (New) The process according to claim 1, wherein determining a new order of the sequence is performed at each call.

14. (New) The process according to claim 1, wherein sequentially searching is performed automatically.

15. (New) The process according to claim 1, wherein sequentially searching is performed semi-automatically in a way that an operator provides an extra service.

16. (New) The process according to claim 15, wherein said extra service is at least one selected from the group consisting of interpretation of a party's requests, searching for or supplying information, scheduling appointments and interactive filtering.